SEARCH REQUEST FORM **Scientific and Technical Information Center - EIC2800**

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 2/8/06 Serial # 10/791,777 Priority Application Date 3/5/03

Your Name M. Lewis Examiner # _____

AU 2829 Phone 272-1834 Room 5A30

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Need before 2/14

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

_____

What types of references would you like? Please checkmark:

Primary Refs ✓ Nonpatent Literature ____ Teaching Refs ____

Secondary Refs ✓ Foreign Patents ____ Other ____

Is this a "Fast & Focused Search" request? (Circle One) YES (NO)

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 14-18 + 20

MOS Transistor

Problem: See pages 1+2

Solution: " " 2-6

how resistance helps

Point leakage circuit + diagram

Staff Use Only	Type of Search	Vendors
Searcher: Michael Ferrer	Structure (#)____	STN ✓
Searcher Phone: 571-272-2663	Bibliographic ✓	Dialog ✓
Searcher Location: STIC-EIC2800, JEF-4B68	Litigation____	Questel/Orbit____
Date Searcher Picked Up: 2/14/06	Fulltext____	Lexis-Nexis____
Date Completed: 2/15/06	Patent Family ✓	WWW/Internet____
Searcher Prep/Rev Time: 300	Other____	Other____
Online Time: 116		

(FILE 'HOME' ENTERED AT 11:04:24 ON 15 FEB 2006)

FILE 'CAPLUS' ENTERED AT 11:04:35 ON 15 FEB 2006

L1 620258 SEA ABB=ON PLU=ON SEMICONDUCT##### OR SEMI CONDUCT###### OR IC OR MICROCHIP OR MICRO CHIP OR MOS OR METAL OXIDE SEMICONDUCT OR

L2 209847 SEA ABB=ON PLU=ON TRANSISTOR OR NMOS OR PMOS OR METAL OXIDE OR METAL OXIDE

L3 222423 SEA ABB=ON PLU=ON SILIC#####(3A)(LAYER##### OR FILM#### OR FINISH#### OR COAT#### OR MULTILAYER##### OR MULTI LAYER#####)

L4 6111 SEA ABB=ON PLU=ON DUMM#######

L5 36830 SEA ABB=ON PLU=ON (LEAK##### OR JUNCTION)(3A)CURRENT OR LEAK####(3A)(PREVENT##### OR MINIM###### OR DECREAS##### OR LOWER##### OR ELIMINAT####) OR JUNCTION(3A)LEAK######

L6 654936 SEA ABB=ON PLU=ON DISCONNECT##### OR SHORT##### OR SHORTCIRCUIT#####

L7 40501 SEA ABB=ON PLU=ON RESIST#####(3A)(REDUC#### OR LOWER##### OR MINIM##### OR ELIMINAT#####)

L8 0 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND L7

L9 41 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L5 AND L6

L10 0 SEA ABB=ON PLU=ON L9 AND L4

L11 2 SEA ABB=ON PLU=ON L9 AND L7

L12 8 SEA ABB=ON PLU=ON L9 AND (GATE ELECTRODE)

L13 8 SEA ABB=ON PLU=ON L12 AND PY<=2003
D L11 1-2 IBIB ABS

L14 8 SEA ABB=ON PLU=ON L13 NOT L11
D L14 1-8 IBIB ABS

FILE 'STNGUIDE' ENTERED AT 11:19:25 ON 15 FEB 2006